

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/017182

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> C12N15/09, C12Q1/68, G01N33/50, G01N33/15

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> C12N15/00-15/90, C12N1/00-13/00, C12Q1/00-70, G01N33/00-98,  
A61K31/00-48/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPI (STN), BIOSIS (STN), MEDLINE (STN), SwissProt/PIR/GeneSeq,  
Genbank/EMBL/DBJ/GeneSeq

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Hiroaki KAWASAKI and Kazunari TAIRA, "Short hairpin type of dsRNAs that are controlled by tRNAval promoter significantly induce RNAi-mediated gene silencing in the cytoplasm of human cells.", Nucleic Acids Research, Vol.31, No.2, 15 January, 2003 (15.01.03), pages 700 to 707	1, 4-13
Y	JP 2003-116543 A (Tosoh Corp.), 22 April, 2003 (22.04.03), & EP 1302546 A1 & US 2003/0108930 A1	1, 4-13
Y	Thomas Tuschl et al., "Identification of Novel Genes Coding for Small Expressed RNAs.", Science, Vol.294, (2001), pages 853 to 858	9-13

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

### \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
08 February, 2005 (08.02.05)

Date of mailing of the international search report  
01 March, 2005 (01.03.05)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	Ui-Tei K., Saigo K., et al., "Guidelines for the selection of highly effective siRNA sequences for mammalian and chick RNA interference.", Nucleic Acids Res., Vol.32, No.3, 09 February, 2004 (09.02.04), pages 936 to 948	1-13